

Day 3 of 90DayOfDevOps Challenge



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[Oct 23, 2023](#)

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1 min read

Task: What is the Linux command to solve the below questions?

1. To view what's written in a file.

cat file1.txt

```
ubuntu $ vim file1.txt
ubuntu $ cat file1.txt
Hello Everyone !!
Hope you are doing great.
Have a nice day !
ubuntu $
```

2. To change the access permissions of files.

chmod 777 file1.txt

```
ubuntu $ ls -l
total 4
-rw-r--r-- 1 root root 62 Oct 23 15:49 file1.txt
lrwxrwxrwx 1 root root 1 Oct 17 14:21 filesystem -> /
ubuntu $ chmod 777 file1.txt
ubuntu $ ls -l
total 4
-rwxrwxrwx 1 root root 62 Oct 23 15:49 file1.txt
lrwxrwxrwx 1 root root 1 Oct 17 14:21 filesystem -> /
ubuntu $
```

3. To check which commands you have run till now.

history

```
buntu $ history
 1 apt-get update
 2 halt
 3 ls
 4 ls -a
 5 mkdir folder1
 6 ls
 7 rmdir -r folder1
 8 man rmdir
 9 man rmdir -r
10 clear
11 ls
12 rmdir folder1
13 ls
14 cat file1.txt
15 vim file1.txt
16 cat file1.txt
17 ls -l
18 chmod 777 file1.txt
19 ls -l
20 history
buntu $
```

4. To remove a directory/ Folder.

rmdir folder1

```
ubuntu $ ls
filesystem folder1
ubuntu $ rmdir folder1
ubuntu $ ls
filesystem
ubuntu $
```

5. To create a fruits.txt file and to view the content.

vim fruits.txt

cat fruits.txt

```
ubuntu $ vim fruits.txt
ubuntu $ cat fruits.txt
Apple
Banana
Mango
ubuntu $
```

6. Add content in devops.txt (One in each line) - Apple, Mango, Banana, Cherry, Kiwi, Orange, Guava.

vim content

```
ubuntu $ echo "Apple, Mango, Banana, Cherry, Kiwi, Orange, Guava." > devops.txt
ubuntu $ cat devops.txt
Apple, Mango, Banana, Cherry, Kiwi, Orange, Guava.
ubuntu $
```

7. To Show only top three fruits from the file.

head -3 fruits.txt

```
ubuntu $ head -3 fruits.txt
Apple
Banana
Mango
ubuntu $ cat fruits.txt
Apple
Banana
Mango
Guava
Pineapple
Pear
ubuntu $
```

8. To Show only the bottom three fruits from the file.

`tail -3 fruits.txt`

```
ubuntu $ cat fruits.txt
Apple
Banana
Mango
Guava
Pineapple
Pear
ubuntu $ tail -3 fruits.txt
Guava
Pineapple
Pear
ubuntu $
```

9. To create another file Colors.txt and to view the content.

`touch Colors.txt`

```
ubuntu $ touch Colors.txt
ubuntu $ ls
Colors.txt  devops.txt  file1.txt  filesystem  fruits.txt
ubuntu $
```

10. Add content in Colors.txt (One in each line) - Red, Gree, Blue, Black, Purple, Green, Pink

`vi Colors.txt`

`cat Colors.txt`

```
ubuntu $ vi Colors.txt
ubuntu $ cat Colors.txt
Red
Green
Blue
Black
Purple
Green
Pink
ubuntu $
```

11. To find the difference between fruits.txt and Colors.txt file.

`diff Colors.txt fruits.txt`

```
ubuntu $ diff Colors.txt fruits.txt
1,6c1,6
< Red
< Green
< Blue
< Black
< Purple
< Green
---
> Apple
> Banana
> Mango
> Guava
> Pineapple
> Pear
ubuntu $
```